Register your product and get support at

www.philips.com/welcome

HTS9520

PHILIPS

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English

1 Notice

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Copyright in the UK

Recording and playback of material may require consent. See Copyright Act 1956 and The Performers Protection Acts 1958 to 1972.

Compliance

CE

This product is in compliance with the essential requirements and other relevant provisions of Directives 2006/95/EC (Low Voltage), 2004/108/EC (EMC).

Mains fuse (UK only)

This product is fitted with an approved moulded plug. Should it become necessary to replace the mains fuse, this must be replaced with a fuse of the same value as indicated on the plug (example 10A).

1. Remove fuse cover and fuse.
2. The replacement fuse must comply with BS 1362 and have the ASTA approval mark. If the fuse is lost, contact your dealer in order to verify the correct type.
3. Refit the fuse cover.

Note

- To conform with the EMC directive (2004/108/EC), the mains plug on this product must not be detached from the mains cord.

Open Source Software

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Trademarks

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WITH OPTICAL INSTRUMENTS
CLASS 1M LASER PRODUCT

2 Important

Read and understand all instructions before you use your home theater. If damage is caused by failure to follow instructions, the warranty does not apply.

Safety

Risk of electric shock or fire!

- Never expose the product and accessories to rain or water. Never place liquid containers, such as vases, near the product. If liquids are spilt on or into the product, disconnect it from the power outlet immediately. Contact Philips Consumer Care to have the product checked before use.
- Never place the product and accessories near naked flames or other heat sources, including direct sunlight.
- Never insert objects into the ventilation slots or other openings on the product.
- Where the mains plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.
- Disconnect the product from the power outlet before lightning storms.
- When you disconnect the power cord, always pull the plug, never the cable.

Risk of short circuit or fire!

- Before you connect the product to the power outlet, ensure that the power voltage matches the value printed on the back or bottom of the product. Never connect the product to the power outlet if the voltage is different.

Risk of injury or damage to the home theater!

- For wall-mountable products, use only the supplied wall mount bracket. Secure the wall mount to a wall that can support the combined weight of the product and the wall mount. Koninklijke Philips Electronics N.V. bears no responsibility for improper wall mounting that results in accident, injury or damage.
- For speakers with stands, use only the supplied stands. Secure the stands to the speakers tightly. Place the assembled stands on flat, level surfaces that can support the combined weight of the speaker and stand.
- Never place the product or any objects on power cords or on other electrical equipment.
- If the product is transported in temperatures below 5°C, unpack the product and wait until its temperature matches room temperature before connecting it to the power outlet.
- Visible and invisible laser radiation when open. Avoid exposure to beam.
- Do not touch the disc optical lens inside the disc compartment.

Risk of overheating!

- Never install this product in a confined space. Always leave a space of at least four inches around the product for ventilation. Ensure curtains or other objects never cover the ventilation slots on the product.

Risk of contamination!

- Do not mix batteries (old and new or carbon and alkaline, etc.).
- Remove batteries if they are exhausted or if the remote control is not to be used for a long time.
- Batteries contain chemical substances, they should be disposed of properly.

Product care

- Do not insert any objects other than discs into the disc compartment.
- Do not insert warped or cracked discs into the disc compartment.
- Remove discs from the disc compartment if you are not using the product for an extended period of time.
- Only use microfiber cloth to clean the product.

Disposal of your old product and batteries

Your product is designed and manufactured with high quality materials and components, which can be recycled and reused.

When this crossed-out wheeled bin symbol is attached to a product it means that the product is covered by the European Directive 2002/96/EC. Please inform yourself about the local separate collection system for electrical and electronic products.

Please act according to your local rules and do not dispose of your old products with your normal household waste.

Correct disposal of your old product helps to prevent potential negative consequences for the environment and human health.

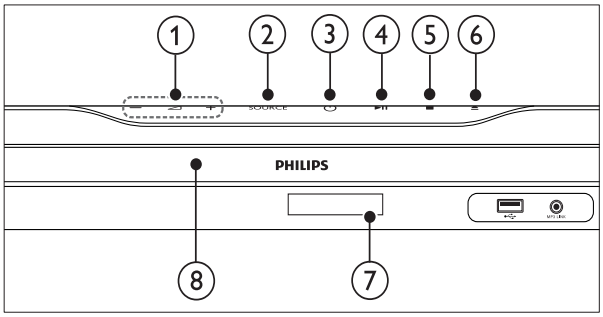
Your product contains batteries covered by the European Directive 2006/66/EC, which cannot be disposed with normal household waste.

Please inform yourself about the local rules on separate collection of batteries because correct disposal helps to prevent negative consequences for the environmental and human health.

3 Your home theater

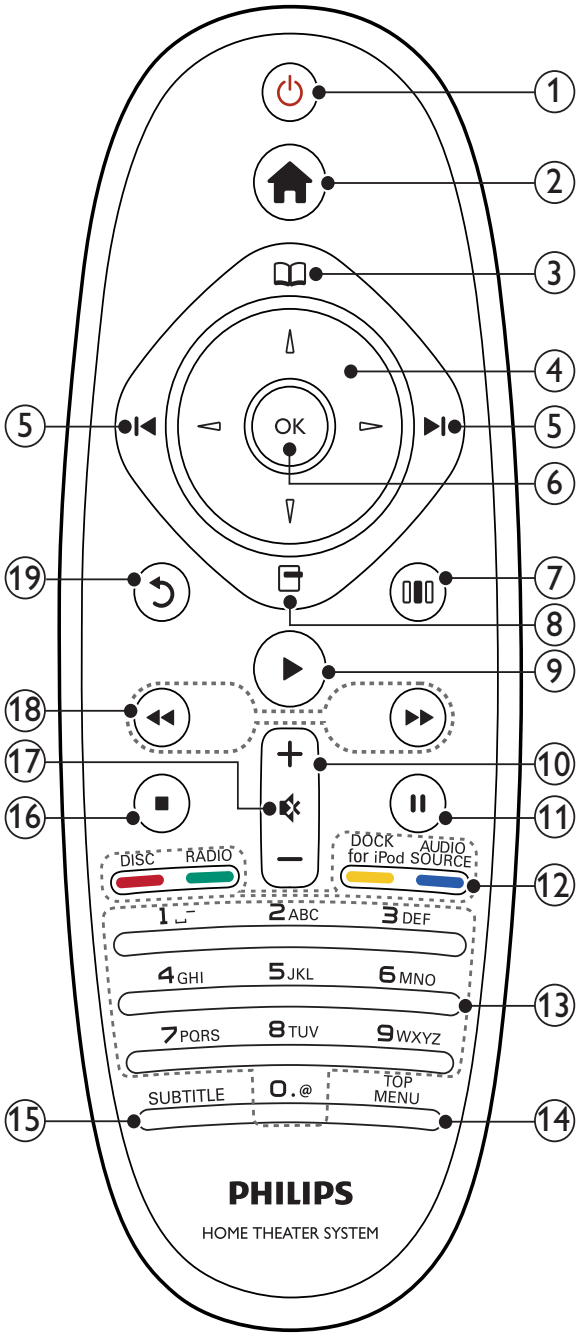
Congratulations on your purchase, and welcome to Philips! To fully benefit from the support that Philips offers, register your home theater at www.philips.com/welcome.

Main unit



1. **+/- (Volume)**
   Increases or decreases volume.
2. **SOURCE**
   Selects an audio/video source for the home theater.
3. **(Standby-On)**
   Switches on the home theater or switches to standby mode.
4. **▶II (Play/Pause)**
   Starts, pauses or resumes play.
5. **■ (Stop)**
   Stops play.
6. **▲ (Open/Close)**
   Opens or closes the disc compartment.
7. **Display panel**
8. **Disc compartment**

Remote control



(1) (Standby-On)
- Switches the home theater on or to standby.
- When EasyLink is enabled, press and hold for at least three seconds to switch all connected HDMI CEC compliant devices to standby.

(2) (Home)
Accesses the home menu.

(3) (Disc menu)
Accesses or exits the disc menu.

(4) Navigation buttons
- Navigates menus.
- In radio mode, press left or right to start auto search.

(5) / (Previous/Next)
- Skips to the previous or next track, chapter or file.
- In radio mode, selects a preset radio station.

(6) OK
Confirms an entry or selection.

(7) (Sound options)
Accesses or exits various sound options.

(8) (Options)
- Accesses more play options during playback.
- In radio mode, programs radio stations.

(9) (Play)
Starts or resumes play.

(10) +/- (Volume)
Increases or decreases volume.

(11) (Pause)
Pauses play.

(12) Source buttons / Color buttons
- Blu-ray discs: Selects tasks or options.
- **AUDIO SOURCE**: Selects an audio input source.
- **DOCK for iPod**: Switches to Philips Dock for iPod/iPhone.
- **RADIO**: Switches to FM radio.
- **DISC**: Switches to disc source.

(13) Alphanumeric buttons
Enters values or letters (using SMS style entry).

(14) TOP MENU
Accesses the main menu of a video disc.

(15) SUBTITLE
Selects subtitle language for video.

(16) (Stop)
- Stops play.
- In radio mode, erases the current preset radio station.

(17) (Mute)
Mutes or restores volume.

(18) / (Fast Backward/Fast Forward)
Fast backwards or fast forwards. Press repeatedly to change the search speed.

(19) (Back)
Returns to a previous menu screen.

4 Connect your home theater

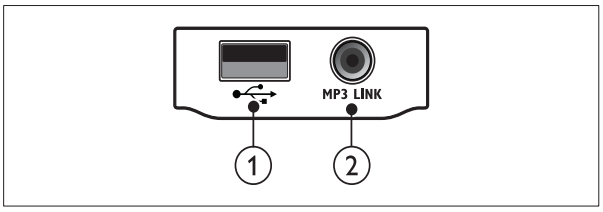
This section helps you connect your home theater to a TV and other devices. The basic connections of the home theater with its accessories are provided in the Quick Start. For a comprehensive interactive guide, see www.connectivityguide.philips.com.

Note

- Refer to the type plate at the back or bottom of the product for identification and supply ratings.
- Before you make or change any connections, ensure that all devices are disconnected from the power outlet.

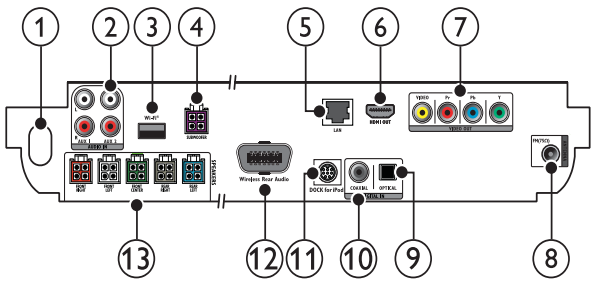
Connectors

Front connectors



1. (USB)
   Audio, video or picture input from a USB storage device.
2. MP3 LINK
   Audio input from an MP3 player.

Back connectors



1. AC MAINS~
   Connects to the power supply.
2. AUDIO IN-AUX1/AUX2
   Connects to the analog audio output on the TV or an analog device.
3. Wi-Fi®
   Connects to a wireless USB adapter.(Model: Philips WUB1110, sold separately.)
4. SUBWOOFER
   Connects to the supplied subwoofer.
5. LAN
   Connects to the LAN input on a broadband modem or router.
6. HDMI OUT
   Connects to the HDMI input on the TV.
7. VIDEO OUT
   Connects to the video input on the TV.
8. ANTENNA FM 75 Ω
   Signal input from an antenna, cable or satellite.
9. DIGITAL IN-OPTICAL
   Connects to the optical audio output on the TV or a digital device.
10. DIGITAL IN-COAXIAL
    Connects to the coaxial audio output on the TV or a digital device.
11. DOCK for iPod
    Connects to a Philips Dock for iPod/iPhone. (Sold separately.)
12. Wireless Rear Audio
    Connects to a Philips wireless module.(Sold separately.)
13. SPEAKERS
    Connects to the supplied speakers.

Connect to the TV

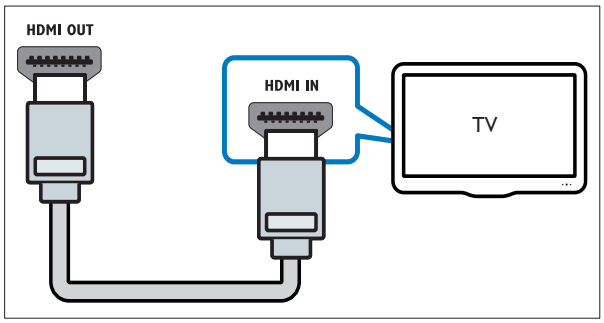
Connect your home theater directly to a TV through one of the following connectors (from highest to basic quality video):

1. HDMI
2. Component video
3. Composite video

Option 1: Connect to the TV through HDMI

Note

- If the HDTV has a DVI connector, connect using an HDMI/DVI adapter.
- If the TV supports EasyLink HDMI CEC, control the home theater and TV with one remote control (see 'Use Philips EasyLink' on page 17).

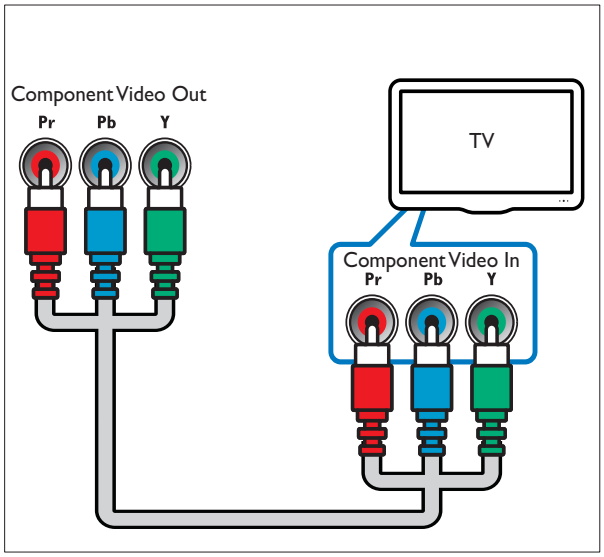


Option 2: Connect to the TV through YPbPr (component video)

Note

- The component video cable or connector might be labeled **Y Cb Cr** or **YUV**.

(Cable not supplied)

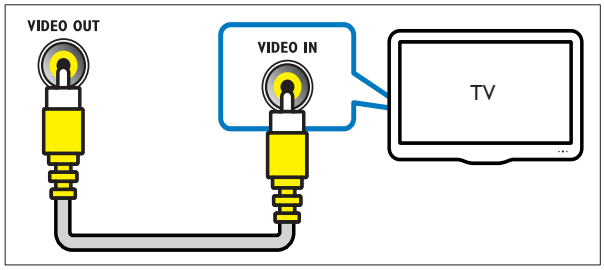


Option 3: Connect to the TV through composite video (CVBS)

Note

- The composite video cable or connector might be labeled **AV IN**, **VIDEO IN**, **COMPOSITE** or **BASEBAND**.

(Cable not supplied)



Connect audio from TV or other devices

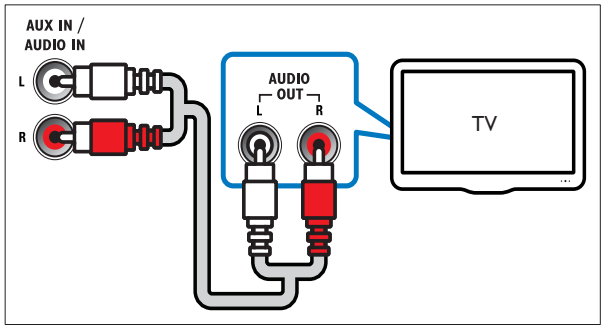
Use your home theater to play audio from the TV or other devices such as a cable box.

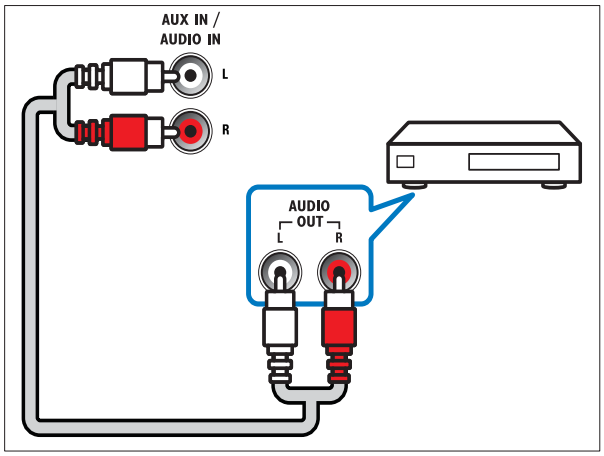
Tip

- Press **AUDIO SOURCE** repeatedly to select the audio output of your connection.

Option 1: Connect audio through analog audio cables

(Cable not supplied)



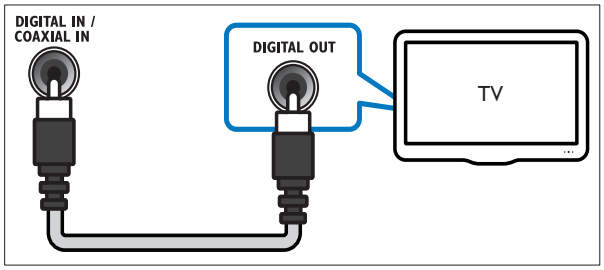


Option 2: Connect audio through coaxial cable

Note

- The digital coaxial cable or connector might be labeled **COAXIAL/DIGITAL OUT** or **SPDIF OUT**.

(Cable not supplied)

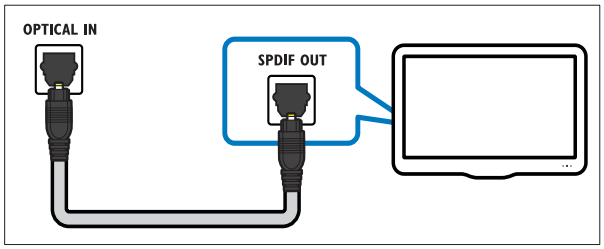


Option 3: Connect audio through a digital optical cable

Note

- The digital optical cable or connector might be labeled as **SPDIF OUT** or **OPTICAL OUT**.

(Cable not supplied)

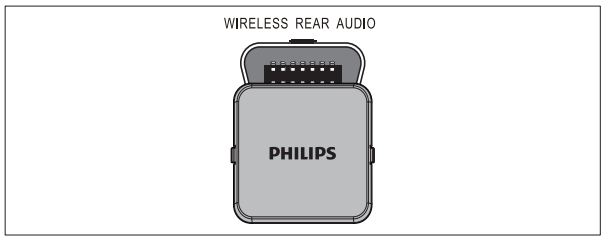


Connect a wireless module

Note

- When you connect and switch on a wireless module, the rear speakers of the home theater are muted and the rear surround sound is output to the wireless surround speakers.

(Wireless module not supplied)



Connect to a computer network and the Internet

Connect the home theater to a computer network and enjoy:

- **Multimedia content streamed from your computer**
  You can view photos, play music and watch video files streamed from your computer (see 'Play from PC (DLNA Network Link)' on page 15).
- **Net TV**
  You can browse Net TV services (see 'Browse Net TV' on page 15).
- **Software update**
  You can update the software of the home theater through the network (see 'Update software from the network' on page 21).

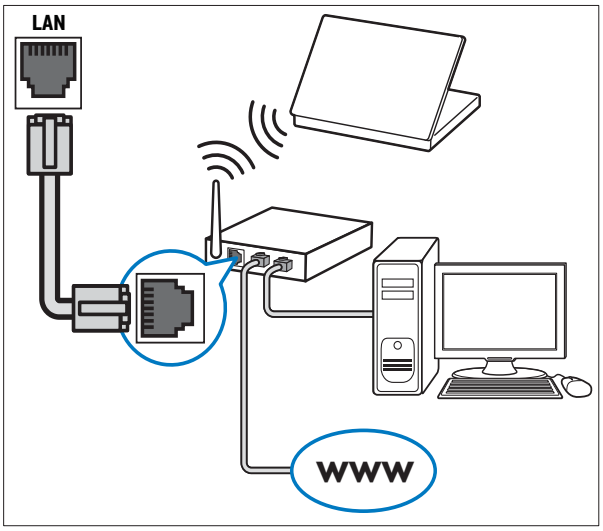
What you need:

- A network router (with DHCP enabled).
- A computer with media server software installed (see 'Set up media server software' on page 15). The computer must be connected to the network router via a wired or wireless network connection (see 'Connect a wireless USB adapter' on page 10).
- A network cable (RJ45 straight cable).
- For Net TV and software update, make sure that the network router has access to the Internet and is not restricted by firewalls or other security systems.

Caution

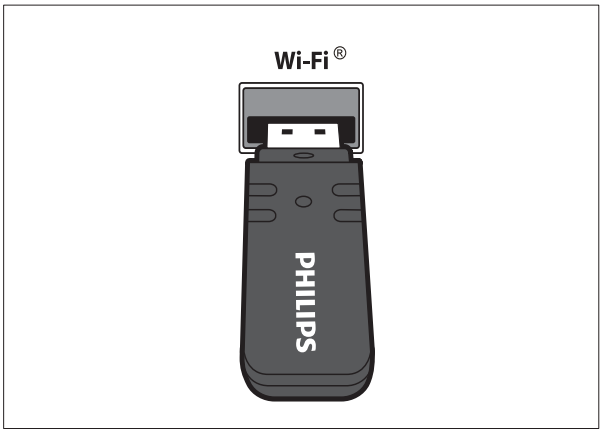
- Familiarize yourself with the network router, media server software and networking principles before attempting to connect the home theater to a computer network. If necessary, read documentation accompanying network components. Philips is not responsible for lost, damaged or corrupt data.

(Cable not supplied)



Connect a wireless USB adapter

Purchase a wireless USB adapter (model: PHILIPS WUB1110) and set up the wireless network (see 'Set up network' on page 13).



5 Use your home theater

This section helps you use the home theater to play media from a wide range of sources.

Before you start

Check that you:

- Make the necessary connections described in the Quick Start and User Manual.
- Complete the first time setup. First time setup appears when you turn on the home theater for the first time. If you do not complete the setup, you are prompted to complete it each time you turn on the home theater.
- Switch the TV to the correct source for the home theater.

Access the home menu

The home menu gives you easy access to connected devices, audio and video settings, and other features.

1 Press ⌂ (**Home**).
   ↳ The home menu appears.

2 Press the **Navigation buttons** and **OK** to select the following:
   - **[Play Disc]** : Starts disc play.
   - **[Browse USB]** : Accesses the content browser of the connected USB storage device.
   - **[Browse iPod]** : Accesses the content browser of the connected iPod or iPhone.
   - **[Browse PC]** : Accesses the content browser of the connected PC network.
   - **[Browse NetTV]** : Accesses Net TV.
   - **[Setup]** : Accesses menus to change picture, sound and other settings.
   - **[User Manual]** : Launches the electronic user manual.

Choose your sound

This section helps you choose the ideal sound for your video or music.

1 Press ||| (**Sound options**).
2 Press the **Navigation buttons** (left/right) to access the sound options.

Sound experience	Description
AUTO VOLUME	Sets a constant output signal at the speaker output. This option is best for TV audio input where the commercial signal level is usually higher than the content.
SOUND	Selects a sound mode.
SURROUND	Selects a surround sound or stereo sound.
TREBLE	Adjusts the high frequency output.
MID	Adjusts the middle frequency output.
BASS	Adjusts the low frequency output.
AUDIO SYNC	Delays the audio to match the video.

3 Select an option, then press **OK**.
4 Press ↩ (**Back**) to exit.
If you do not press a button within five seconds, it automatically exits the menu.

Change auto volume

Select the level of volume which output from your TV or other devices to the home theater.

1 Press ||| (**Sound options**).
2 Select **AUTO VOLUME**, then press **OK**.
3 Press the **Navigation buttons** (up/down) to select **ON** or **OFF**.
4 Press **OK** to confirm your choice.

Change sound mode

Select predefined sound modes to suit your video or music.

1 Press ||| (**Sound options**).
2 Select **SOUND**, then press **OK**.
3 Press the **Navigation buttons** (up/down) to select the following settings:
- **ACTION/ROCK** : Enhanced low and high-range. Ideal for action movies and rock or pop music.
- **DRAMA/JAZZ** : Clear mid and high-range. Ideal for drama movies and jazz music.
- **GAMING/PARTY** : Moderate low-range and strong mid-range. Ideal for video games and party.
- **CONCERT/CLASSIC** : Neutral sound. Ideal for live concerts and classical music.
- **SPORTS** : Moderate mid-range and surround effects for clear vocals and the atmosphere of a live sport venue.
- **NEWS** : Enhanced mid-range for clear vocals and speech.

4 Press **OK** to confirm your choice.

Change surround sound mode

Experience an immersive audio experience with surround sound modes.

1 Press ||| (**Sound options**).
2 Select **SURROUND**, then press **OK**.
3 Press the **Navigation buttons** (left/right) to select the following settings:
- **360SOUND** : 9.1 surround sound mode, best cinematic experience.
- **360SOUND STEREO** : Enhanced stereo mode with 4.1 channels.
- **STEREO** : Two-channel stereo sound. Ideal for listening to music.
- **MULTI-CH** : Traditional 5.1 channels for a more relaxing cinematic experience.

4 Press **OK** to confirm your choice.

Change treble, mid and bass

Change the high frequency (treble), mid frequency (mid) and low frequency (bass) settings of the home theater to suit your video or music.

1 Press (**Sound options**).
2 Select **TREBLE**, **MID** or **BASS**, then press **OK**.
3 Press the **Navigation buttons** (up/down) to adjust the frequency level.
4 Press **OK** to confirm.

Synchronize audio with video

If the audio and video are not synchronized, you can delay the audio to match the video.

1 Press (**Sound options**).
2 Select **AUDIO SYNC**, then press **OK**.
3 Press the **Navigation buttons** (up/down) to sync the audio with the video.
4 Press **OK** to confirm.

Play a disc

The home theater can play a wide variety of discs, including video, audio and mixed media (for example, a CD-R that contains JPEG pictures and MP3 music).

1 Insert a disc into the home theater.
2 Press **DISC**, or select **[Play Disc]** in the home menu and press **OK**.
   ↳ The disc plays or the disc main menu appears.
3 Press the following buttons to control play:

Button	Action
Navigation buttons	Navigate menus.
OK	Confirms an entry or selection.
▶ (**Play**)	Starts or resumes play.
⏸	Pauses play.
■	Stops play.
⏮ / ⏭	Skips to the previous or next track, chapter or file.
◀◀ / ▶▶	Fast backwards or fast forwards. Press repeatedly to change the search speed.
▲/▼	Rotates the picture counter-clockwise or clockwise.
SUBTITLE	Selects subtitle language for video.
(**Disc menu**)	Accesses or exits the disc menu.
(**Options**)	Accesses more play options during playback.

Use Bonus View on Blu-ray

Blu-ray discs that support the Bonus View feature (also known as Picture-In-Picture) allow you to view special content such as a director's commentary while watching the main feature.

1 If necessary, enable BonusView (or Picture-In-Picture) in the Blu-ray disc menu.
2 During playback of the main feature, press (**Options**).
   ↳ The options menu is displayed.
3 Select **[PIP Selection]** > **[PIP]**, then press **OK**.
   ↳ PIP options [1]/[2] depend on the video contents.
   ↳ The picture-in-picture video appears in a small window.
4 Select **[2nd Audio Language]** or **[2nd Subtitle Language]**, then press **OK**.
5 Select the language to play, then press **OK**.

Note

- To turn off the Bonus View (Picture-in-Picture), press (**Options**), select **[PIP Selection]** > **[Off]**, then press **OK**.

Access BD-Live on Blu-ray

BD-Live enabled Blu-ray discs include exclusive services such as movies and other online bonuses.

Set up network

1. Connect to a network router through wired or wireless network connection (see 'Connect to a computer network and the Internet' on page 9).
2. Turn on your TV and switch to the correct source for the home theater.
3. Press ⌂ (**Home**).
4. Select **[Setup]**, then press **OK**.
5. Select **[Network Setup]** > **[Network Installation]**, then press **OK**.
   - For wired network, select **[Wired (Ethernet)]** and press **OK**.
   - For wireless network, select **[Wireless (Wi-Fi)]** and press **OK**.
6. Follow the instructions on the TV to complete the setup.
   ↳ The home theater connects to the internet. If connection fails, select **[Retry]**, then press **OK**.
7. Select **[Finish]**, then press **OK** to exit.

Use BD-Live

1. Before using BD-Live, ensure that the home theater is connected to the internet and that network access is properly setup (see 'Connect to a computer network and the Internet' on page 9).
2. Connect the USB storage device to the home theater.
3. Select the BD-Live icon in the disc menu, then press **OK**.
   ↳ BD-Live starts to load. The loading time depends on the disc and your internet connection.
4. Press the **Navigation buttons** to navigate BD-Live.
5. Press **OK** to select an item.

Note

- The range of BD-Live services depends on the disc.
- When you use BD-Live, data on the disc and home theater are accessed by the content provider.
- If there is insufficient memory to download BD-Live content, clear memory space.

Play from a USB storage device

The home theater is fitted with a USB connector that allows you to view pictures, listen to music or watch movies stored on a USB storage device.

1. Connect the USB storage device to the home theater.
2. Press ⌂ (**Home**).
   ↳ The home menu appears.
3. Select **[Browse USB]**, then press **OK**.
   ↳ A content browser appears.
4. Select a file, then press **OK**.
5. Press the playback buttons to control play (see 'Play a disc' on page 12).

Note

- If the USB storage device does not fit into the connector, use a USB extension cable.
- The home theater does not support digital cameras that need a computer program to display photos.
- The USB storage device must be FAT or DOS-formatted, and Mass Storage Class compliant.

More play features for disc or USB

Several advanced features are available for video or picture playback from a disc or USB storage device.

Use video options

Access several useful features while viewing video.

Note

- Available video options depend on the video source.

1. Press ☐ (**Options**).
   ↳ The video options menu appears.
2. Press the **Navigation buttons** and **OK** to select and adjust:
   - **[Audio Language]** : Selects audio language for video.

- **[Subtitle Language]** : Selects subtitle language for video.
- **[Subtitle Shift]** : Adjusts the subtitle position on the screen.
- **[Info]** : Displays information about what is playing.
- **[Character Set]** : Selects a character set that supports the DivX subtitle.
- **[Time Search]** : Skips to a specific part of the video by entering the time of the scene.
- **[2nd Audio Language]** : Selects the second audio language to play.
- **[2nd Subtitle Language]** : Selects the second subtitle language to play.
- **[Titles]** : Selects a specific title.
- **[Chapters]** : Selects a specific chapter.
- **[Angle List]** : Selects a different camera angle.
- **[Menus]** : Displays the disc menu.
- **[PIP Selection]** : Displays Picture-in-Picture window.
- **[Zoom]** : Zooms into a video scene or picture. Press the **Navigation buttons** (left/right) to select a zoom factor.
- **[Repeat]** : Repeats a chapter or title.
- **[Repeat A-B]** : Marks two points within a chapter or track for repeat play, or turns off repeat mode.
- **[Picture Settings]** : Selects a predefined color setting.

Note

- Subtitle shift is only available if the **[TV Display]** setting of the home theater is set to **[21:9 Cinema]** and the TV supports this feature.

Use picture options

Access several useful features while viewing pictures.

1. Press ☐ (**Options**).
   ↳ The pictures options menu appears.
2. Press the **Navigation buttons** and **OK** to select and adjust:
   - **[Rotate +90]** : Rotates the picture 90 degree clockwise.
   - **[Rotate -90]** : Rotates the picture 90 degree counter-clockwise.
   - **[Zoom]** : Zooms into a video scene or picture. Press the **Navigation buttons** (left/right) to select a zoom factor.
   - **[Info]** : Displays picture information.
   - **[Duration per slide]** : Sets the display speed for each picture in a slide show.
   - **[Slide Animation]** : Selects animation for the slide show.
   - **[Picture Settings]** : Selects a predefined color setting.

Use audio options

Access several useful features while audio is played.

1. Press ☐ (**Options**) repeatedly to cycle through the following functions:
   - **REPEAT TRACK** : Repeats the current track.
   - **REPEAT DISC** : Repeats all the tracks on the disc or folder.
   - **REPEAT RANDOM** : Plays audio tracks in random order.
   - **REPEAT OFF** : Turns off repeat mode.

Play a musical slideshow

Play music and pictures simultaneously to create a musical slideshow.

1. Select a music track, then press **OK**.
2. Press ↩ (**Back**) and go to the picture folder.
3. Select a picture, then press **OK** to start slideshow.
4. Press ■ to stop slideshow.
5. Press ■ again to stop music.

Play from PC (DLNA Network Link)

The home theater is Digital Living Network Alliance (DLNA) certified. It allows you to listen to music, view photo files and watch video files that are stored on your computer through the home theater.

Set up media server software

Your computer must be installed with media server software that is configured for media sharing. For more information, see the instructions for the media server software.

1. Connect the home theater to a network router (see 'Connect to a computer network and the Internet' on page 9).
2. Switch on the computer and router.
3. Open Windows Media Player on the computer.
4. Select **[Library]** > **[Media Sharing]**, then select settings to share your media.
5. Select **[Library]** > **[Add to Library]**, then select settings to share the folder containing your media.
6. Select **[Library]** > **[Apply Media Information Changes]** to activate the changes.

Play multimedia content

Note

- Before playing multimedia content from the computer, ensure that the home theater is connected to the computer network and the media server software is properly set up.

1. Press ⌂ (**Home**).
   ↳ The home menu appears.
2. Select **[Browse PC]**, then press **OK**.
   ↳ A content browser appears.
3. Select a file, then press **OK**.
4. Press the playback buttons to control play (see 'Play a disc' on page 12).

Browse Net TV

With the home theater connected to the Internet, you can use Net TV to access videos, pictures, music, information, games and other online services.

Note

- Koninklijke Philips Electronics N.V. bears no responsibility for content provided by Net TV service providers.

Access Net TV

Note

- Connect the home theater to a computer network before accessing Net TV.

1. Connect to a network router through wired or wireless network connection (see 'Connect to a computer network and the Internet' on page 9).
2. Set up the network (see 'Set up network' on page 13).
3. Press ⌂ (**Home**).
   ↳ The home menu appears.
4. Select **[Browse NetTV]**.
   ↳ The Net TV home page appears.
5. Press the **Navigation buttons** to navigate Net TV web pages or services.
6. Press **OK** to view or select an item.
7. Press ↩ (**Back**) to return to the previous page, or press ⌂ (**Home**) to exit.

Mark favorite Net TV pages

You can mark Net TV pages or services as favorites for easy access.

1. In Net TV, go to **[Mark favorites]**, then press **OK**.
2. Navigate to the Net TV web pages or services, then press **OK** to mark.
   To unmark as favorite, press **OK** again.
3. Select **[Done]**, then press **OK**.

Clear browsing history

Clear browsing history to remove passwords, cookies and browsing data from your home theater.

1 Press ⌂ (**Home**).
2 Select **[Setup]**, then press **OK**.
3 Select **[Network Setup]** > **[Clear Net TV Memory]**, then press **OK** .

Play from radio

The home theater can store up to 40 radio stations.

1 Check that the FM antenna is connected.
2 Press **RADIO**.
   ↳ "**AUTO INSTALL...PRESS PLAY**" appears on the display panel if you have not installed any radio stations. Press ▶(**Play**).
3 Press the following buttons to control play:

Button	Action
⏮ / ⏭	Selects a preset radio station.
Navigation buttons (left/right)	Searches for a radio station.
▲▼	Fine tunes a radio frequency.
■	Press and hold to erase the preset radio station. Press to stop the installation of radio stations.
⊟ (**Options**)	Manual: Press once to access program mode, and press again to store the radio station. Automatic: Press and hold for five seconds to reinstall radio stations.
RADIO	Toggles between stereo and mono sound.

Note

- AM and digital radio are not supported.
- If no stereo signal is detected, or if fewer than five stations are found, you are prompted to install the radio stations again.
- For the best reception, place the antenna away from the TV or other sources of radiation.

Play audio from TV or other devices

Press **AUDIO SOURCE** repeatedly to select the audio output of the connected device.

Play from an MP3 player

Connect and play audio files from an MP3 player or other external audio devices.

1 Connect the MP3 player to the home theater.
2 Press **AUDIO SOURCE** repeatedly until '**MP3 LINK**' appears on the display panel.
3 Press the buttons on the MP3 player to select and play audio files.

Play from an iPod or iPhone

By connecting and installing a Philips Dock for iPod/iPhone, you can use the home theater to play music, movies and photos from your iPod or iPhone.

Note

- Philips Dock for iPod/iPhone is sold separately.
- You can charge your iPod/iPhone on the dock while the home theater is in iPod mode.

Dock your iPod or iPhone

1 Connect the dock to the home theater and connect the yellow composite cable from the dock to the TV. For more information, see the Quick Start provided with the dock.
2 Switch on the iPod or iPhone and place it in the dock.
3 On the home theater remote control, press ⌂ (**Home**), then select **[Browse iPod]** and press **OK**.

Listen to music

1 Dock your iPod or iPhone (see 'Dock your iPod or iPhone' on page 16).
2 Press **DOCK for iPod** on the home theater remote control.
   ↳ The playlists are displayed on the TV.
3 Press the **Navigation buttons** and **OK** to select and play tracks.

Watch video or view slideshows

Note

- On iPod, enable the TV ON setting.
- On iPhone, select the TV Out option.

1 Dock your iPod or iPhone (see 'Dock your iPod or iPhone' on page 16).
2 Switch the TV to the **AV/VIDEO** source (corresponding to the yellow composite cable).
   ↳ The TV screen goes blank.
3 Browse on the iPod or iPhone screen to select videos or photos.
4 Press ▶ (**Play**) to play the video and photos.
   ↳ The picture is displayed on the TV.

Use Philips EasyLink

The home theater supports Philips EasyLink, which uses the HDMI CEC (Consumer Electronics Control) protocol. EasyLink-compliant devices that are connected through HDMI connectors can be controlled by a single remote control.

Note

- Philips does not guarantee 100% interoperability with all HDMI CEC devices.

1 Switch on the HDMI CEC operations on the TV and other connected devices. See the manual of the TV or other devices for details.
2 Press ⌂ (**Home**).
3 Select **[Setup]**, then press **OK**.
4 Select **[EasyLink Setup]** > **[EasyLink]**, then press **OK**.
5 Select **[On]**, then press **OK**.
6 You can now enjoy the following Philips EasyLink controls.

One-touch play
When you play a disc, the TV automatically switches to the correct channel.

One-touch standby
When you press and hold ⏻ (**Standby**) on the remote control, the home theater and all the connected HDMI CEC devices (if they support one-touch standby) switch to standby mode simultaneously.

System Audio Control
When you play a device that has its audio output routed to the home theater, the home theater switches to the corresponding audio source automatically.
To use one-touch audio, enable this feature and follow the instructions on the TV to map the connected devices correctly to the audio input jacks of the home theater.

Audio Input Mapping
Updates audio input mapping if there are new devices connected.

6 Change settings

This section helps you to change the settings of your home theater.

Caution

- Many of the settings are already configured with the best value for the home theater. Unless you have a specific reason to change a setting, it is best to leave it at the default value.

Access the setup menu

1. Press ⌂ (**Home**).
2. Select **[Setup]**, then press **OK**.
   ↳ The setup menu appears.
3. Select a setup menu, then press **OK**.
   See the following sections for information about how to change the settings of your home theater.
4. Press ↩ (**Back**) to return to the previous menu, or press ⌂ to exit.

Note

- You cannot change a setting that is grayed out.

Change video settings

1. Press ⌂ (**Home**).
2. Select **[Setup]**, then press **OK**.
3. Select **[Video Setup]**, then press **OK**.
4. Select and adjust the following settings:
   - **[TV Display]** : Selects a picture display format to fit the TV screen.
   - **[HDMI Video]** : Selects the HDMI video resolution.
   - **[HDMI Deep Color]** : Displays colors with more shades and hues when the video content is recorded in Deep Color and the TV supports this feature.
   - **[Component Video]** : Selects the component video resolution. Copy-protected DVDs can display only 480p/576p or 480i/576i.
   - **[Picture Settings]** : Selects a predefined color setting.
5. Press **OK** to confirm your choice.

Note

- The best setting is automatically selected for the TV. If you need to change the setting, ensure that the TV supports the new setting.
- For settings related to HDMI, the TV must be connected through HDMI.
- For settings related to progressive or component video, the TV must be connected through Component Video.

Change audio settings

1. Press ⌂ (**Home**).
2. Select **[Setup]**, then press **OK**.
3. Select **[Audio Setup]**, then press **OK**.
4. Select and adjust the following settings:
   - **[Night Mode]** : Selects quiet or full dynamic sound. Night mode decreases the volume of loud sounds and increases the volume of soft sounds such as speech.
   - **[HDMI Audio]** : Selects HDMI audio format or disables HDMI audio output for the TV.
   - **[360Sound Setup]** : Basic 360Sound setup. This only performs the acoustics and rear speakers placement setup which is the minimum requirement for a 360Sound system.
   - **[Speaker Setup]** : Sets the volume level and distance of each speaker to obtain the best possible surround sound based on your room setup.
5. Press **OK** to confirm your choice.

Note

- For settings related to HDMI, the TV must be connected through HDMI.
- Night mode is available for Dolby encoded DVD and Blu-ray discs (for models support Blu-ray playback).

Set up network

1 Press ⌂ (**Home**).
2 Select **[Setup]**, then press **OK**.
3 Select **[Network Setup]**, then press **OK**.
4 Select and adjust the following settings:
- **[Network Installation]** : Starts wired (Ethernet) or wireless setup. Follow the instructions to set up the network connection.
- **[View Network Settings]** : Displays the current network settings.
- **[View Wireless Settings]** : Displays the current Wi-Fi settings.
- **[Net TV User Location]** : Selects the location for accessing Net TV content and services.
- **[Clear Net TV Memory]** : Clears Net TV memory, delete the temporary downloaded files (e.g., cookies) of the Net TV browser.

5 Press **OK** to confirm your choice.

Set up EasyLink

1 Press ⌂ (**Home**).
2 Select **[Setup]**, then press **OK**.
3 Select **[EasyLink Setup]**, then press **OK**.
4 Select and adjust the following settings:
- **[EasyLink]** : Enables or disables EasyLink.
- **[One Touch Play]** : Enables or disables One Touch Play.

  If enabled, you can use the remote control to start disc play in the home theater and the TV switches automatically to the correct channel.
- **[One Touch Standby]** : Enables or disables One Touch Standby.

  If enabled, the home theater can be switched off to standby by a remote control from the TV or other connected HDMI CEC devices.
- **[System Audio Control]** : Enables or disables System audio control.

  If enabled, follow the instructions on the TV to map the connected devices correctly to the audio connectors of the home theater. The home theater switches automatically to the audio source of the connected device.
- **[Audio Input Mapping]** : Updates audio input mapping if there are new devices connected.

5 Press **OK** to confirm your choice.

Note

- The connected devices must be connected through HDMI and switched on.

Change preference settings

1 Press ⌂ (**Home**).
2 Select **[Setup]**, then press **OK**.
3 Select **[Preference Setup]**, then press **OK**.
4 Select and adjust the following settings:
- **[Menu language]** : Selects the on-screen display menu language.
- **[Audio]** : Selects audio language for video.
- **[Subtitle]** : Selects subtitle language for video.
- **[Disc Menu]** : Selects menu language for video disc.
- **[Parental Control]** : Restricts access to discs that are recorded with ratings. To play all discs irrespective of the rating, select level '8'.
- **[Screen Saver]** : Enables or disables screen saver mode. If enabled, the screen enters idle mode after 10 minutes of inactivity (for example, in pause or stop mode).
- **[Auto Subtitle Shift]** : Enables or disables shift subtitle. If enabled, it adjusts the subtitle position automatically to fit the TV screen.

- **[Change Password]** : Sets or changes a PIN code to play a restricted disc. Enter '**0000**' if you do not have a PIN or if you have forgotten your PIN.
- **[Display Panel]** : Changes the brightness of the display panel.
- **[Auto Standby]** : Enables or disables auto standby. If enabled, the home theater switches to standby after 30 minutes of inactivity (for example, in pause or stop mode).
- **[VCD PBC]** : Displays or skips the content menu for VCD and SVCD discs.
- **[Sleep Timer]** : Sets a sleep timer to switch the home theater to standby after a specific time.

5 Press **OK** to confirm your choice.

Note

- If you select a language that is not available on a disc, the home theater uses the default language of the disc.
- Subtitle shift is only available if the **[TV Display]** setting of the home theater is set to **[21:9 Cinema]** and the TV supports this feature.

Change advanced settings

1 Press ⌂ (**Home**).
2 Select **[Setup]**, then press **OK**.
3 Select **[Advanced Setup]**, then press **OK**.
4 Select and adjust the following settings:
- **[BD-Live Security]** : Restricts or allows access to BD-Live.
- **[Enhanced Audio]** : Enables or disables the audio post processing at the speaker output.
- **[Software Update]** : Selects to update software from the network or from USB storage device.
- **[Clear memory]** : Clears local memory, delete the BD-Live files that you previously downloaded. If using an USB storage device, the local storage folder is 'BUDA'.
- **[DivX® VOD Code]** : Displays the DivX VOD registration code for the home theater.
- **[Version Info.]** : Displays the software version for the home theater.
- **[Restore default settings]** : Resets the home theater to the default settings programmed at the factory.

5 Press **OK** to confirm your choice.

Note

- You cannot restrict internet access on commercial Blu-ray discs.
- Before you purchase DivX videos and play them on the home theater, register the home theater on www.divx.com using the DivX VOD code.
- You cannot reset parental control setting to its default value.

7 Update software

To check for new updates, compare the current software version of your home theater with the latest software version (if available) on the Philips web site.

Check software version

1 Press ⌂ (**Home**).
2 Select **[Setup]**, then press **OK**.
3 Select **[Advanced Setup]** > **[Version Info.]**, then press **OK**.
   ↳ The software version is displayed.

Update software from the network

1 Prepare the internet connection (see 'Connect to a computer network and the Internet' on page 9).
2 Press ⌂ (**Home**) and select **[Setup]**.
3 Select **[Advanced Setup]** > **[Software Update]** > **[Network]**.
   ↳ If an upgrade media is detected, you are prompted to start or cancel the update.
4 Follow the instruction on the TV to confirm the update.
   ↳ When complete, the home theater automatically switches off and on again.
   • If not, disconnect the power cord for a few seconds and then reconnect it.

Note

- If the home theater is unable to connect to the Philips server, press ⌂ (**Home**), select **[Setup]** > **[Network Setup]** > **[Network Installation]** to set up the network.

Update software from a USB

1 Check for the latest software version on www.philips.com/support.
   • Search for your model and click on 'software&drivers'.
2 Create a folder named 'UPG' in your USB storage device.
3 Download the software into 'UPG' folder.
4 Unzip the software in the 'UPG' folder.
5 Connect the USB storage device to the home theater.
6 Press ⌂ (**Home**) and select **[Setup]**.
7 Select **[Advanced Setup]** > **[Software Update]** > **[USB]**.
8 Follow the instructions on the TV to confirm the update.
   ↳ When complete, the home theater automatically switches off and on again.
   • If not, disconnect the power cord for a few seconds and then reconnect it.

Caution

- Do not turn off the power or remove the USB storage device when the software update is in progress because you might damage the home theater.

8 Product specifications

Note

- Specification and design are subject to change without notice.

Region code

The type plate on the back or bottom of the home theater shows which regions it supports

Country	DVD	BD
Europe, United Kingdom	ALL 2	B
Asia Pacific, Taiwan, Korea	ALL 3	A
Latin America	ALL 4	A
Australia, New Zealand	ALL 4	B
Russia, India	ALL 5	C
China	ALL 6	C

Playback media

- AVCHD, BD-RE, BD-Video, DVD-Video, DVD+R/+RW, DVD-R/-RW, DVD+R/-R DL, CD-R/CD-RW, Audio CD, Video CD/ SVCD, Picture CD, MP3-CD, WMA-CD, DivX (Ultra)-CD, USB storage device

File Format

- Audio: .mp3, .wma, .wav
- Video: .avi, .divx, .mp4, .mkv, .wmv
- Picture: .jpg, .gif, .png

Amplifier

- Total output power: 800 W RMS
- Frequency response: 40 Hz-20 kHz / ±3dB
- Signal-to-noise ratio: > 65 dB (CCIR) / (A-weighted)
- Input sensitivity:
  - AUX1, AUX2: 400 mV
  - MP3 LINK: 250 mV

Video

- Signal system: PAL / NTSC
- Component video output: 480i/576i, 480p/576p, 720p, 1080i
- HDMI output: 480i/576i, 480p/576p, 720p, 1080i, 1080p, 1080p24

Audio

- S/PDIF Digital audio input:
  - Coaxial: IEC 60958-3
  - Optical: TOSLINK
- Sampling frequency:
  - MP3: 32 kHz, 44.1 kHz, 48 kHz
  - WMA: 44.1 kHz, 48 kHz
- Constant bit rate:
  - MP3: 112 kbps - 320 kbps
  - WMA: 48 kbps - 192 kbps

Radio

- Tuning range: Europe/China: FM 87.5-108 MHz (50 kHz), Asia Pacific/Russia/Latin America: FM 87.5-108 MHz (50/100kHz)
- Signal-to-noise ratio: FM 55 dB
- Frequency response: FM 60 Hz-12.5 kHz / ±3dB

USB

- Compatibility: Hi-Speed USB (2.0)
- Class support: UMS (USB Mass Storage Class)
- File system: FAT16, FAT32
- Maximum memory support: < 160GB.

Main Unit

- Power supply:
  - Europe/China: 220-240V, ~50 Hz;
  - Latin America/Asia Pacific: 110-127V/220-240, ~50-60Hz;
  - Russia/India: 220-240V, ~50Hz
- Power consumption: 170 W
- Standby power consumption: ≤ 0.22 W
- Dimensions (WxHxD): 437 x 75 x 342 (mm)
- Weight: 4.5 kg

Subwoofer

- Impedance: 4 ohm
- Speaker drivers: 165 mm (6.5") woofer
- Frequency response: 40 Hz-150 Hz
- Dimensions (WxHxD): 196 x 397 x 342 (mm)
- Weight: 6.4 kg
- Cable length: 4 m

Speakers

- System: full range satellite
- Speaker impedance: 4 ohm (center), 6 ohm (Front/Rear)
- Speaker drivers:
  - Center: 2 x 2.5" woofer + 1" tweeter
  - Front/Rear: 2 x 2.5 full range + 2.5" woofer + 1" tweeter
- Frequency response: 150 Hz-20 kHz
- Dimensions (WxHxD):
  - Center: 435 x 85 x 111 (mm)
  - Front/Rear : 99 x 247 x 117 (mm)
- Weight:
  - Center: 1.67 kg
  - Front/Rear : 1.17 kg/each

Laser Specification

- Laser Type (Diode): InGaN/AlGaN (BD), InGaAlP (DVD), A lGaAs (CD)
- Wave length: 405 +5nm/-5nm (BD), 650 +13nm/-10nm (DVD), 790 +15nm/-15nm (CD)
- Output power (Max. ratings): 20mW (BD), 7mW (DVD/CD)

9 Troubleshooting

Warning

- Risk of electric shock. Never remove the casing of the product.

To keep the warranty valid, never try to repair the product yourself.

If you have problems using this product, check the following points before you request service. If you still have a problem, register your product and get support at www.philips.com/welcome.

If you contact Philips, you will be asked for the model and serial number of your product. The model number and serial number are on the back or bottom of your product. Write the numbers here:

Model No. _____

Serial No. _____

Main unit

The buttons on this home theater do not work.

- Disconnect the home theater from the power outlet for a few minutes, then reconnect.

Picture

No picture.

- Ensure that the TV is switched to the correct source for the home theater.

No picture on HDMI connection.

- Change the HDMI video setting or wait for 15 seconds for auto recover.
- Check if the HDMI cable is faulty. Replace with a new HDMI cable.

No picture on the Component (Y Pb Pr) connection.

- If the HDMI video connection is set to **[Auto]** or **[1080p/24Hz]**, there is no video output through the component connection. Change the HDMI video setting or remove the HDMI connection.

No high-definition video signal on the TV.

- Ensure that the disc contains high-definition video.
- Ensure that the TV supports high-definition video.

Sound

No sound.

- Ensure that the audio cables are connected and select the correct input source (for example, **AUDIO SOURCE**) for the device you want to play.

No sound on HDMI connection.

- You might not hear any sound if the connected device is not HDCP (High-bandwidth Digital Content Protection) compliant or only DVI compatible. Use an analog or digital audio connection.
- Ensure that the **[HDMI Audio]** is enabled.

No sound from TV program.

- Connect an audio cable from the audio input on the home theater to the audio output on the TV, then press **AUDIO SOURCE** repeatedly to select the correct audio source.

Distorted sound or echo.

- Ensure that the TV volume is muted or set to minimum if you are playing audio through the home theater.

Audio and video are not synchronized.

- 1) Press (**Sound options**) . 2) Press the **Navigation buttons** (left/right) repeatedly until **AUDIO SYNC** is displayed, then press **OK**. 3) Press the **Navigation buttons** (up/down) to sync the audio with the video.

Play

Disc cannot be played.

- Clean the disc.
- Ensure that the home theater supports the disc (see 'Product specifications' on page 22).
- Ensure that the home theater supports the region code of the disc.
- For DVD±RW or DVD±R, ensure that the disc is finalized.

DivX video files cannot be played.

- Ensure that the DivX file is encoded according to the 'Home Theater Profile' with the DivX encoder.
- Ensure that the DivX video file is complete.

DivX subtitles do not display correctly.

- Ensure that the subtitle file name is the same as the movie file name.
- Select the correct character set: 1) Press (**Options**). 2) Select **[Character Set]**. 3) Select the supported character set. 4) Press **OK**.

The contents of a USB storage device cannot be read.

- Ensure that the format of the USB storage device is compatible with the home theater (see 'Product specifications' on page 22).
- Ensure that the USB storage device is formatted with a file system that is supported by the home theater (note that NTFS is not supported).

'No entry' or 'x' sign appears on the TV.

- The operation is not possible.

EasyLink feature does not work.

- Ensure that the home theater is connected to a Philips brand EasyLink TV and that EasyLink is on.

I do not want my home theater to be switched on when I switch on my TV.

- This is the correct behavior for Philips EasyLink (HDMI-CEC). To make the home theater work independently, switch off EasyLink.

I cannot access BD-Live features.

- Check the network connection (see 'Connect to a computer network and the Internet' on page 9) or ensure that the network has been set up (see 'Set up network' on page 13).
- Clear memory storage. (see 'Change advanced settings' on page 20)
- Ensure that the Blu-ray disc supports BD-Live feature.

The video (movies, photos, video clips, etc.) contents of the iPod/iPhone do not display on TV.

- Video and photo browsing is not supported, you can only browse the video and photo contents on the iPod/iPhone itself.

Cannot see pictures from my iPod/iPhone on the TV.

- Connect a yellow composite cable from the dock to the TV.
- Switch the TV to the **AV/VIDEO** source (corresponding to the yellow composite cable).
- Press **PLAY** on the iPod or iPhone to start the slideshow.

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